

FY2006 Annual Work Plan Kittitas County Conservation District



For More Information Contact: Anna Lael, 509 925-8585, a-lael@wa.nacdnet.org

Mission of the Kittitas County Conservation District

Provide leadership, technical, educational and financial assistance to landowners and land users in their utilization and management of natural resources

Natural Resource Priorities and Goals:

- Irrigation Water Use Efficiency Improve Irrigation Efficiencies on 200 acres of irrigated cropland
- Soil Erosion- Apply PAM to 1,800 acres of irrigated cropland to reduce sediment in return flow; install stream bank protection structures.
- Fish Passage- Eliminate 3 barriers to fish passage (Cabin Creek, Currier Creek, Manastash Creek) and plan the removal of 10 more (Reecer Creek, Caribou Creek, Cherry Creek, Manastash Creek).
- Fish Screens- Install approved screening structures or facilities at 5 imigation water diversions (Manastash Creek, Fogarty Ditch/Sorenson Creek, Swauk Creek) and plan additional installations (Cherry Creek, Reecer Creek, Caribou Creek, Currier Creek, Manastash Creek)
- targets landowners who may not be eligible for other programs (e.g. NRCS' Environmental Quality Incentives Program) Water Quality- Establish a small acreage technical and financial assistance program that specifically includes small livestock owners and
- Riparian Habitat- Install grasses, trees and shrubs on 1.2 acres of riparian area on Coleman Creek, Wilson Creek, Dry Creek and the Teanaway River, and maintain trees and shrubs planted in FY2005
- Assess Water Quality- Collect water quality data related to sediment, temperature and macro invertebrates in the Teanaway Watershed

Information - Education Priorities and Goals:

- KCCD's Long Term Goal- Provide information/education opportunities to all ages and backgrounds in order to increase their knowledge and understanding of natural resources in Kittitas County.
- General Public Goal- By June 2006 offer natural resource educational opportunities to more than 60,000 members of the general public
- Youth Education Goal-By June 2006 offer educational opportunities to over 300 K-12 students in Kittitas County
- Ranch Manual) and opportunities to 2000 private landowners, specifically targeting water right holders (for Private Landowner Goal- By June 2006 offer educational materials (newsletters, Rural Living Handbook, Small Irrigation Efficiencies, fish screening/passage) and small acreage landowners (less than 20 acres)

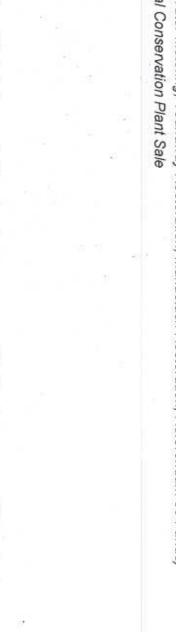






District Operations Priorities, Goals & Funding Sources

- KCCD Goals for District Operations- Complete operations in a time and funding efficient manner consistent with Washington Conservation Commission guidelines.
- By September 2005 complete Annual Report of Accomplishments
- By March 2006 complete Supervisor elections and appointments
- By March 2006 recruit one new Associate Supervisor
- By April 2006, complete Employee Evaluations and Review of Salaries/Wages
- By April 2006 complete a review of the KCCD Cost Share Policy and KCCD Personnel and Policy Statement
- By December 2005, complete a KCCD Administrative Operations Manual
- By May 2006 complete Internal Audit, Annual Financial Report, Annual Plan, and Annual
- By June 2006, complete 12 monthly meetings and 3 special meetings of the Board of Supervisors.
- By June 2006, offer 2 training opportunities to staff and Board of Supervisors
- By January 2006, be prepared to actively pursue a special assessment
- Anticipated KCCD funding sources for FY 2006 (July 1, 2005 through June 30, 2006)
- Indirect Federal: Yakima Tributary Access and Habitat Program, Bonneville Power Administration through the South Central RC&D; Salmon Recovery Funding Board
- State: Washington Conservation Commission (Professional Engineering, Irrigation Efficiencies, Implementation, Basic Funding), Department of Ecology (Water Metering, Teanaway Restoration, Manastash Restoration, Referendum 39 Funds)
- Local: Roy Bach Memorial Conservation Plant Sale





Program Area: Irrigation Efficiency Improvements

scheduling technologies in a dozen fields. Goal(s): Provide irrigators/landowners with opportunity to improve irrigation delivery and application systems; demonstrate irrigation

Creek Project, Lower Reecer Creek Project) Funding Source(s): Irrigation Efficiencies (Washington Conservation Commission) and the Salmon Recovery Funding Board (Dry/Cabin

Demonstrate Irrigation Scheduling technology in a dozen local fields with hay, corn or potato crops	Pipe earthen ditch and/or convert up to 100 acres of rill irrigated ag land to linear sprinkler irrigation (Irrigation Efficiencies Program)	Convert 80 acres of flood irrigated ag land to center pivot sprinkler systems (in conjunction with Dry Creek fish screen project)	Activities for FY2006
July 2005 to October 2005	July 2004 to June 2005	July- Dec 2005	Target Dates
MC, AL, SL	AL, MC, SL	RG, AL, SL	Person Responsible
4	80	56	Time(Days) Required
69	Ġ	s	TI M
1,000	\$ 200,000	154,000	Estimated Funding

Program Area: Reduce Erosion and Improve Water Quality

Goal(s): Apply polyacrylamide to 2,000 acres of irrigated cropland; install stream bank protection structures; assist 10 small acreage and/or livestock owners; provide educational materials to private landowners

Funding Source(s): Washington Conservation Commission and Teanaway Restoration Project



Provide technical assistance to 40 landowners (including small acreage landowners, forest landowners and livestock operators)	Provide cost share assistance to 20 landowners for PAM and PAM applicators	Activities for FY2006
July 2005 to June 2006	July 1 to Oct 15 2005 and Apr 1 to June 30 2006	Target Dates
AL, SW, MC, AS	AL, SL	Person Responsible
60	15	Time(Days) Required
69	69	Est
45,000	7,500	Estimated Funding



Provide the Rural Living Handbook and Small Ranch Manuals to general public at grower meetings, in local business and at other governmental offices.	Design culvert replacements and in-stream structures to reduce erosion on Lick Creek (tributary to North Fork Teanaway)	Provide educational opportunities to irrigators through the use of the PAM Demonstration Table at grower meetings (KCCD's, Chemical dealers, Hay Growers, etc.)	Provide educational opportunities to over 60,000 members of general public through the use of the PAM Demonstration Table at the Kittitas County Fair
July 2005- June 2006	July 2005- April 2005	January- March 2006	September 1- 5, 2005
AL, MC, SL	SW, AL, SL	AL, MC, AS	AL, SL, SW, AS, RG, MC
8	40	4	σ,
69	es .	S	69
2,500	48,000	2,500	3,000

Program Area: Water Quality Monitoring

Goal(s): Collect water quality (sediment, turbidity, temperature) data on the Teanaway River

Funding Source(s): Teanaway Restoration Project (CCWF via Ecology)

heren	_			2.00
	Z		6	
	No.	Y	2	
				8
88		100		Pe

Complete a Final Project Report for 2002 to 2005 Teanaway Water Quality Data	Monitor water temperatures with loggers for 4 months	Monitor macro invertebrates during one sample event	Monitor water quality (sediment, temperature, discharge) during 15 sample events (monthly plus events)	Activities for FY2006
Nov 2005- March 2006	July 2005- Oct 2005	July 2005- Sept 2005	July 2005- Nov 2005	Target Dates
SW, AL, SL	SW, AL, SL, AS	SW, AL, SL, AS	SW, AL, SL, AS	Person Responsible
25	32	48	120	Time(Days) Required
\$ 7,000	\$ 6,500	\$ 18,000	\$ 12,000	Estimated Funding



Program Area: Fish Screening, Passage and Habitat

Goal(s): Assist private landowners with fish screening, passage and habitat issues.

Funding Source(s): Funding is expected from Bonneville Power
Administration (via South Central RC&D), Salmon Recovery Funding Board (3
current grants, 3 potential grants) and the Department of Ecology (Conveyance







current grants, 3 potential grants) and the Department of Ecology (Conveyance Infrastructure, Manastash Restoration Project)

Activities for FY2006	Target Dates	Person Responsible	Time (Days) Required	Estimated Funding
Install an approved fish screen facility on Dry Creek	July 2005- Dec 2005	RG, AL, SL	40	\$ 85,000
Correct a barrier to fish passage by removing an abandoned irrigation diversion on Cabin Creek (in conjunction with fish screen facility on Dry Creek)	Aug 2005- Feb 2006	RG, AL, SL	40	\$ 25,000
Design and install piped irrigation delivery system for 12 cfs from EWC to avoid need for in-stream structures	July 2005 to June 2006	CR, RG, AL, SL, Consulting Engineers	200	\$ 120,000
Install in-stream structures to increase habitat complexity in Wilson Creek and reduce or eliminate silt deposits behind an abandoned diversion structure	July- Dec 2005	RG, AL, SL, Consulting Firm	. 80	\$ 60,000
Stream Assessments- Complete 3-5 miles of stream assessment (Swauk Creek)	July 2005- Dec 2005	AS, SW, AL, SL	Oi	\$ 2,000
Tributary Teams- Organize Trib Team meetings for 2 Tributaries to perform local prioritizations	July 2005- June 2006	AL, AS, SW, SL, MC, RG	35	\$ 35,000
Design and Engineer fish screen and passage facilities (Lower Reecer Creek, Fogarty, Caribou Creek, Currier Creek, Swauk Creek,)	July 2005- June 2006	RG, AL, Consulting Firm	45	\$ 85,000
Manastash Restoration Project- Manage project to screen and/or provide passage at 3 irrigation diversions. (Barnes, Keats/Jensen and Abandoned Anderson Diversion)	July 2005- June 2006	CR, AL, SL	360	\$ 200,000



	Apply for funding for barrier removal and/or fish screen facilities (Cherry Creek, Caribou Creek, Currier Creek, Jack Creek)	Jack & Indian- Complete Design and Engineering Phase of culvert replacement to correct fish passage barriers	Manastash- Design and Engineer Manastash Ditch, Hatfield, and Reed Fish screen and passage structures
	July 2005- Dec 2005	July 2005- Sept 2005	July 2005- June 2006
	AL, RG, SW, SL, CR	AL, RG, Consulting Firm	CR, AL, SL Consulting Firm
TO A STATE OF THE PARTY OF THE	<u> </u>	50	200
	G	69	69
	\$ 15,000	32,040	138,280

Program Area: Riparian Habitat Improvements

Goal(s): Plant trees, shrubs and grasses on 1.2 acres of riparian lands and maintain FY05 plantings on 2.5

Funding Source(s): Yakima Tributary Access and Habitat Program (BPA via South Central RC&D); the Salmon Recovery Funding Board (Dry/Cabin Creek Project, Coleman Creek Project, Wilson Creek project); and the Teanaway Restoration Project (CCWF from Ecology)

	Target Dates	Person	Time(Days)	Estimated
Activities for FY2006		Responsible	Required	Funding
Plant 0.5 acre on Dry and Cabin Creeks in conjunction with fish screen and fish passage projects	Oct 2005- June 2006	SW, AL, SL, AS, WCC Crew	20	\$15,500
Maintain 0.5 acre on Coleman Creek in conjunction with the fish passage improvements	July 2005- June 2006	SW, AL, SL, AS, WCC Crew	20 .	\$12,500
Maintain 1.0 acres planted in FY05 on lower Wilson Creek in conjunction with previous irrigation efficiencies, fish screen, fencing and water gap project	July 2005- June 2006	SW, AL, SL, AS, WCC Crew	20	\$12,500
Plant another 0.5 on lower Wilson Creek in conjunction with current in-stream habitat project	Oct 2005- June 2006	SW, AL, SL, AS, WCC Crew	40	\$24,000
Maintain 1 acre of previously planted riparian and floodplain areas on main stem Teanaway and North Fork Teanaway	July 2005- June 2006	SW, AS, WCC Crew	40	\$14,000
Plant 0.2 acres on Wilson Creek (near City of Ellensburg Waste Water Treatment Plant)	Oct 2005- June 2006	AS, SW, AL, WCC Crew	40	\$17,000

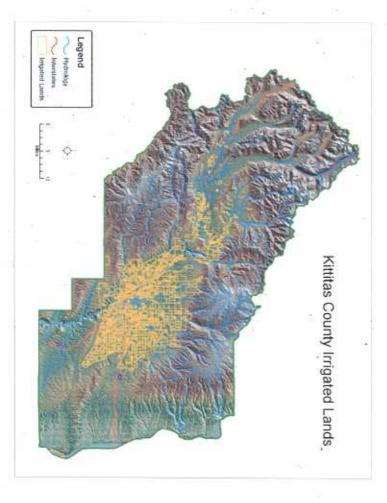


Program Area: Fragmentation of Agricultural Lands

Goal(s): Research potential programs and funding sources to protect farmland from development.

Funding Source(s): Washington Conservation Commission, Natural Resources Conservation Service

Research NRCS's Farm and Ranch Lands Protection Program	Activities for FY2006
July 2005 to April 2006	Target Dates
RG, AL, SL	Person Responsible
10	Time(Days) Required
\$2,840	Estimated Funding





District budget for FY2005 (7/1/05 - 6/30/06)

The following budgets detail both project expenses by object (salaries, benefits, supplies, etc.) and by project/grant.

	\$1,402,660	TOTAL
SRF- Wilson Revegeta	\$860,000	Subtotal
SRF- Lower Reecer C.	\$530,000	Project Construction
SRF- Dry/Cabin Creek	\$330,000	Cost Share
Yakima Tributary Acce (BPA via RC&D)	\$542,660	Subtotal
Indirect Fe	\$10,000	Miscellaneous
Manastash Restoration	\$8,850	Insurance
Conveyance Infrastruc	\$1,105	Advertising
DOE Water Metering	\$2,500	Travel
Teanaway Restoration	\$3,500	Communication
Livestock Technical As	\$195,680	Professional Services
Professional Engineen	\$1,985	Supplies Purchased for Resale
Irrigation Efficiencies	\$2,800	Fuel Consumed
05-07 KCCD Impleme	\$35,000	Office & Operating Supplies
Basic Funding	\$41,240	Personnel Benefits
State	\$240,000	Salaries & Wages
Grant	Budget	Object

4L \$1,402,660	tal \$860,0	\$550,0	0 0000	\$330,0	\$330,0	1										
\$800,000	2000	\$530,000	\$330,000	The second secon	\$542,660	\$10,000 \$542,660	\$8,850 \$10,000 \$542,660	\$1,105 \$8,850 \$10,000 \$542,660	\$2,500 \$1,105 \$8,850 \$10,000 \$542,660	\$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$542,660	\$195,680 \$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$542,660	\$1,985 \$195,680 \$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$542,660	\$2,800 \$1,985 \$195,680 \$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$542,660	\$35,000 \$2,800 \$1,985 \$195,680 \$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$542,660	\$41,240 \$35,000 \$2,800 \$1,985 \$195,680 \$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$542,660	\$240,000 \$41,240 \$35,000 \$2,800 \$1,985 \$195,680 \$2,500 \$2,500 \$1,105 \$8,850 \$10,000 \$542,660
\$860,000		530,000	330,000		42,660	\$10,000 \$42,660	\$8,850 \$10,000 542,660	\$1,105 \$8,850 \$10,000	\$2,500 \$1,105 \$8,850 \$10,000	\$3,500 \$2,500 \$1,105 \$8,850 \$10,000	\$3,500 \$2,500 \$1,105 \$8,850 \$10,000	\$1,985 195,680 \$3,500 \$2,500 \$1,105 \$1,105 \$8,850 \$10,000	\$2,800 \$1,985 195,680 \$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$42,660	\$35,000 \$2,800 \$1,985 195,680 \$3,500 \$2,500 \$1,105 \$1,105 \$8,850 \$10,000	\$41,240 \$35,000 \$2,800 \$1,985 195,680 \$3,500 \$2,500 \$1,105 \$8,850 \$10,000 \$10,000	\$40,000 \$41,240 \$35,000 \$2,800 \$1,985 195,680 \$3,500 \$3,500 \$2,500 \$1,105 \$1,105 \$8,850 \$10,000
	SRF- Wilson Revegetation Project	SRF- Lower Reecer Creek Fish Passage	SRF- Dry/Cabin Creek Fish Passage		Yakima Tributan (BPA via RC&D)	lne kima Tribu PA via RC	Manastash Restoration Project Indirect Federal Fu Yakima Tributary Access & Hal (BPA via RC&D)	Conveyance Infrastructure Funds Manastash Restoration Project Indirect Federal Func Yakima Tributary Access & Habite (BPA via RC&D)	DOE Water Metering Conveyance Infrastru Manastash Restoration Indirect F Yakima Tributary Acc (BPA via RC&D)	Teanaway Restoration Project DOE Water Metering Conveyance Infrastructure Fur Manastash Restoration Projec Indirect Federal Fu Yakima Tributary Access & Ha (BPA via RC&D)	Livestock Technical Assistance Teanaway Restoration Project DOE Water Metering Conveyance Infrastructure Fun Manastash Restoration Project Indirect Federal Fu Yakima Tributary Access & Hat (BPA via RC&D)	Professional Engineering Livestock Technical Assis Teanaway Restoration Pr DOE Water Metering Conveyance Infrastructur Manastash Restoration P Indirect Fede Yakima Tributary Access (BPA via RC&D)	Irrigation Efficiencies Professional Enginee Livestock Technical / Teanaway Restoration DOE Water Metering Conveyance Infrastru Manastash Restoration Indirect F Yakima Tributary Acc (BPA via RC&D)	O5-07 KCCD Implementation Project Irrigation Efficiencies Professional Engineering Livestock Technical Assistance Teanaway Restoration Project DOE Water Metering Conveyance Infrastructure Funds Manastash Restoration Project Indirect Federal Funds Yakima Tributary Access & Habitat P (BPA via RC&D)	Basic Funding 05-07 KCCD II Inigation Effici Professional E Livestock Tecl Teanaway Res DOE Water M Conveyance Ir Manastash Re Ind Yakima Tributa (BPA via RC&I	sic Funding -07 KCCD gation Effic ofessional lestock Tec estock Tec anaway Re anaway Re anaway Re anaway Re lawayance inveyance inveyance lawayance lawayance inveyance lawayance inveyance inveyance
	Revegeta	Reecer Ci	IDIII CIEEN	tin Omol	stary Acce	Itary Acce	Restoration Idirect Fe Itary Acce (&D)	Infrastruc Restoration Restoration Idirect Feurtary Acce 8.D)	Infrastruc Restoration Restoration Idirect Feurtary Acce	Metering Infrastruc Restoration Adirect Feuratary Acces 8D)	estoration Metering Infrastruc Restoration Restoration Idirect Fe July Acce 8D)	Engineeri chnical As chnical As estoration Metering Infrastruc Restoration relief Fe subject Fe	Engineeri Engineeri chnical As chnical As estoration Metering Infrastruc Restoration Idirect Fe utary Acce	iciencies iciencies Engineeri chnical As chnical As estoration Metering Infrastruc Restoratior Infrastruc Restoratior Adirect Fe utary Acce	Implementiciencies Engineerichnical As estoration Metering Infrastruc Restoration Adirect Feutary Acce	Implementation Association (Acceptable Acceptable Accep
	ation Proje	reek Fish	K FISH Fas	Link Don	ess & Habi	Indirect Federal Funds butary Access & Habitat (C&D)	n Project deral Fun ess & Hab	n Project aderal Fun ess & Hab	cture Fund in Project ederal Funders & Hab	ture Fund on Project aderal Fur ess & Hab	ssistance n Project cture Fund on Project aderal Fund ess & Hab	ssistance n Project cture Fund in Project aderal Fur ess & Hab	ning ssistance n Project cture Func n Project aderal Fun ess & Hab	ssistance n Project cture Funo m Project aderal Fur ess & Hab	ning sistance n Project cture Funo n Project aderal Fun ess & Hab	State Funds blementation Pricies cies cial Assistance ration Project ration Project ration Project Access & Hab
TOTALS	ect .	Passage	aga	2000	Yakima Tributary Access & Habitat Program (BPA via RC&D)	itat Program	nds itat Program	is itat Program	ls itat Program	ls itat Program	ls liat Program	litat Program	ds itat Program	oject ss itat Program	oject Is Itat Program	oject Itat Program
100																
FO F CAR 23	\$28,000	\$264,000	\$164,000		\$399,000	\$399,000	\$2,240,000	\$284,028 2,240,000 \$399,000	\$400,000 \$284,028 \$2,240,000 \$399,000	\$156,827 \$400,000 \$284,028 2,240,000 \$399,000	\$156,827 \$400,000 \$284,028 2,240,000 \$399,000	\$161,666 \$156,827 \$400,000 \$284,028 \$284,028 \$2,240,000 \$399,000	\$2,375,000 \$161,666 \$156,827 \$400,000 \$284,028 \$2,240,000 \$399,000	\$70,000 \$2,375,000 \$161,666 \$156,827 \$400,000 \$284,028 \$284,028 \$2,240,000 \$399,000	\$10,660 \$70,000 \$2,375,000 \$161,666 \$156,827 \$400,000 \$284,028 \$284,028 \$2,240,000 \$399,000	\$10,660 \$70,000 \$70,000 \$161,666 \$156,827 \$400,000 \$284,028 \$284,028 \$2,240,000 \$399,000
\$1												69 69	fa fa fa	69 69 69	fa fa fa	69 69 69
\$1,402,660	\$3,000	\$18,000	\$100,000	The second second second second second	\$399,000	\$399,000	\$400,000	\$42,000 \$400,000 \$399,000	\$35,000 \$42,000 \$400,000 \$399,000	\$60,000 \$35,000 \$42,000 \$400,000 \$399,000	\$18,000 \$60,000 \$35,000 \$42,000 \$400,000 \$399,000	\$82,000 \$18,000 \$60,000 \$35,000 \$42,000 \$400,000 \$399,000	\$200,000 \$82,000 \$18,000 \$60,000 \$35,000 \$42,000 \$400,000 \$399,000	\$35,000 \$200,000 \$82,000 \$82,000 \$60,000 \$35,000 \$42,000 \$400,000 \$399,000	\$10,660 \$35,000 \$200,000 \$82,000 \$18,000 \$60,000 \$35,000 \$42,000 \$400,000 \$399,000	\$10,660 \$35,000 \$200,000 \$82,000 \$18,000 \$60,000 \$42,000 \$42,000 \$42,000